

REMARKS

Claims 1-15 are pending in the application. Applicants amend claims 1 and 11-15 for clarification. No new matter has been added.

Claims 1-15 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,584,312 to Morin et al. Applicants amend claims 1 and 11-15 in a good faith effort to clarify the claimed invention as distinguished from the cited reference, and respectfully traverse the rejection.

The Examiner relied upon the description in Morin et al. of a HLR modifying a copy of a service profile to best match the service capabilities of a serving MSC as alleged disclosure of the features of the claimed server system. In particular, the Examiner apparently applied the description of a service list as a subscriber profile as alleged disclosure of the claimed first service profile, and applied the description of a service that is modified or deleted from a service in the service list in consideration of supported services as alleged disclosure of the claimed second service profile.

The cited portions of Morin et al. only include description of downloading a subscriber profile for telephone service provided for a mobile station from the HLR, and adjusting the contents of the service to be provided depending on whether or not a MSC to which the mobile station is connected has the capability to provide the corresponding service. Such portions of Morin et al., therefore, do not disclose the claimed distribution of a second service profile, which includes control information for transmitting a packet, to a home agent and a foreign agent.

In other words, Morin et al., as relied upon by the Examiner, fail to disclose or suggest,

“[a] mobile communications service providing system in which location registration request information is transmitted from a mobile node to a home agent via a foreign agent and a server

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system, and information in reply to the location registration request information is returned from the home agent to the mobile node via the server system and the foreign agent, so that a location of the mobile node is registered to the home agent and the foreign agent, and a mobile communications service is provided based on the registration, wherein:

the server system comprising

an extracting unit extracting a first service profile corresponding to the mobile node from a database for managing the first service profile which includes subscriber information of each user,

a service managing unit editing the first service profile extracted by said extracting unit into a second service profile having a format which includes control information for transmitting a packet that the mobile node communicates using a communication path established after completing of the location registration and the format remaining the same irrespective to the kind of a service provided to a user, and

a distributing unit distributing the second service profile to the home agent and the foreign agent, and;  
the home agent and the foreign agent comprising

a controlling unit determining a transfer destination of a packet according to the distributed information of the second service profile, and

the home agent and the foreign agent provide a service by using said controlling unit according to the second service profile distributed from the server system,"  
as recited in claim 1. (Emphasis added)

Advantageously, the claimed invention provides for an AAA (Authentication, Authorization, and Accounting) server that distributes a generalized service profile in order to make it possible to notify, in communication with a MN, not only the information for performing mobile IP (information for tunneling setting), but also information for an IP packet control service, regardless of the type of service. Various packet transmission services including mobile IP can, thus, be realized without implementing a complicated control logic for each service on the network device, by notifying to the network device what packet transmission service is applied depending on the contents of an IP packet to be transferred, that is, in what order the

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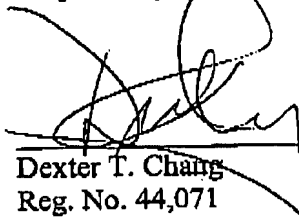
normal routing table and individual routing tables such as a binding cache and a visitor table of the mobile IP are indexed. Figs. 6-9 and 12, along with their corresponding description in the specification, illustrate exemplary embodiments of the claimed first and second service profiles, respectively.

Accordingly, Applicants respectfully submit that claim 1, together with claims 2-10 dependent therefrom, is patentable over Morin et al. for at least the above-stated reasons. Claims 11-15 incorporate features that correspond to those of claim 1 cited above, and are, therefore, patentable over Morin et al. for at least the same reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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